

ATTORNEY DOCKET NO. 053588-5012

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Masakazu OKUDA, et al. )  
Application No.: Unassigned ) Group Art Unit: Unassigned  
Filed: June 23, 2003 ) Examiner: Unassigned  
For: LIQUID DROP DISCHARGING HEAD AND )  
LIQUID DROP DISCHARGING DEVICE )

Commissioner for Patents  
Arlington, VA 22202

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application before the mailing date of a first Office Action on the merits for the above-referenced application.

A copy of each listed document is attached

The following are listed on the accompanying PTO-1449 and are in a language other than English.

a. Japanese Patent Application Publication No. 53-12138 is corresponding to U.S. Patent No. 3,946,398. The relevance of this document is discussed at page 1 of the specification of the present application.

b. Japanese Patent Application Laid-Open Publication No. 10-193587. The relevance of this document is discussed at page 1 of the specification of the present application and shown in the English-language abstract.

c. Japanese Patent Application Laid-Open Publication No. 1-208146. The relevance of this document is discussed at page 4 of the specification of the present application and shown in the English-language abstract.

d. Japanese Patent Application Laid-Open Publication No. 9-156095. The relevance of this document is discussed at page 4 of the specification of the present application and shown in the English-language abstract.

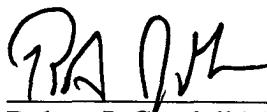
e. Japanese Patent Application Laid-Open Publication No. 10-508808 is corresponding to International Publication No. WO97/28000. The relevance of this document is discussed at page 9 of the specification of the present application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior art." If it should be determined that the listed document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**



Robert J. Goodell-No. 41,040

Date: June 23, 2003

**MORGAN, LEWIS & BOCKIUS LLP**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
(202) 739-3000

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	Attorney Docket No.	Serial No.
		Unassigned
	Applicants Masakazu OKUDA, et al.	
<b>PTO Form 1449</b>	Filing Date June 23, 2003	Group Unassigned

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation YES	Translation NO
		53-12138-B	April 27, 1978	Japan				NO
		10-193587	July 28, 1998	Japan			Abstract	
		1-208146	Aug. 22, 1989	Japan			Abstract	
		9-156095	June 17, 1997	Japan			Abstract	
		10-508808	Sep. 2, 1998	Japan				NO
		WO97/28000	Aug. 7, 1997	WIPO				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


Examiner	Date Considered
<p>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	